

In the specification:

✓ Please delete the Sequence Listing (pages 1-1,106) and replace it with the substitute Sequence Listing, pages 1-1,108, filed herewith.

Please replace the paragraph beginning at page 51, line 21 with the following rewritten paragraph:

A2
-- Genomic libraries as described in Example 2 were used for DNA sequencing according to standard methods, in particular by the chain termination method using ABI377 sequencing machines (see e.g., Fleischman, R.D. *et al.* (1995) "Whole-genome Random Sequencing and Assembly of Haemophilus Influenzae Rd., *Science*, 269:496-512). Sequencing primers with the following nucleotide sequences were used: 5'-GGAAACAGTATGACCATG-3' (SEQ ID NO:783) or 5'-GTAAAACGACGCCAGT-3' (SEQ ID NO:784).--

REMARKSSequence Listing

In accordance with 37 C.F.R. § 1.825, Applicants submit herewith substitute pages 1-1,108, which contain a substitute Sequence Listing for the above-referenced application. Applicants have also amended the specification to include substitute pages 1-1,108. Applicants submit herewith a **"Version with Markings to Show Changes Made,"** which indicates the specific amendments made to the specification and the claims.

In addition, Applicants submit herewith a computer-readable form (Compact Disk) of this sequence which is identical in substance to the substitute Sequence Listing on pages 1- 1,108 submitted herewith. *No new matter has been added.*